

# Intermolecular Attractions (v3)

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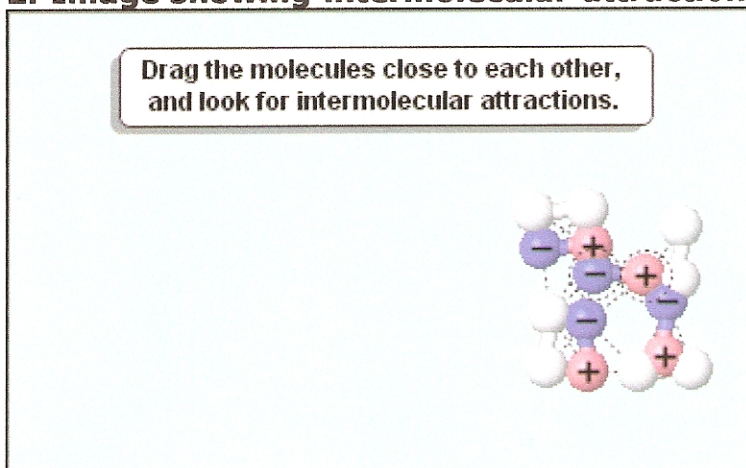
Class: Chem A, Period C - 09-10

Other Group Members:

**1. What is the difference between polar and non-polar molecules? (Be sure to include more than the colors used to represent them in your response!)**

polar molecules are positive and negative, non-polar molecules do not have electric fields.

**2. Image showing intermolecular attractions:**



**3. Which of the following formed intermolecular attractions (check all that apply):**

- + ends of polar molecules to - ends of other polar molecules
- non-polar molecules to other non-polar molecules
- non-polar molecules to + parts of polar molecules
- non-polar molecules to - parts of polar molecules

**4. What is the primary attraction between NON-POLAR molecules:**

- London Dispersion attraction

**5. What is the primary attraction between POLAR molecules:**

- dipole-dipole attraction

**6. Which type of intermolecular attraction is strongest:**

- dipole-dipole attraction

**7. Which liquid boiled first (i.e. had the lowest boiling point):**